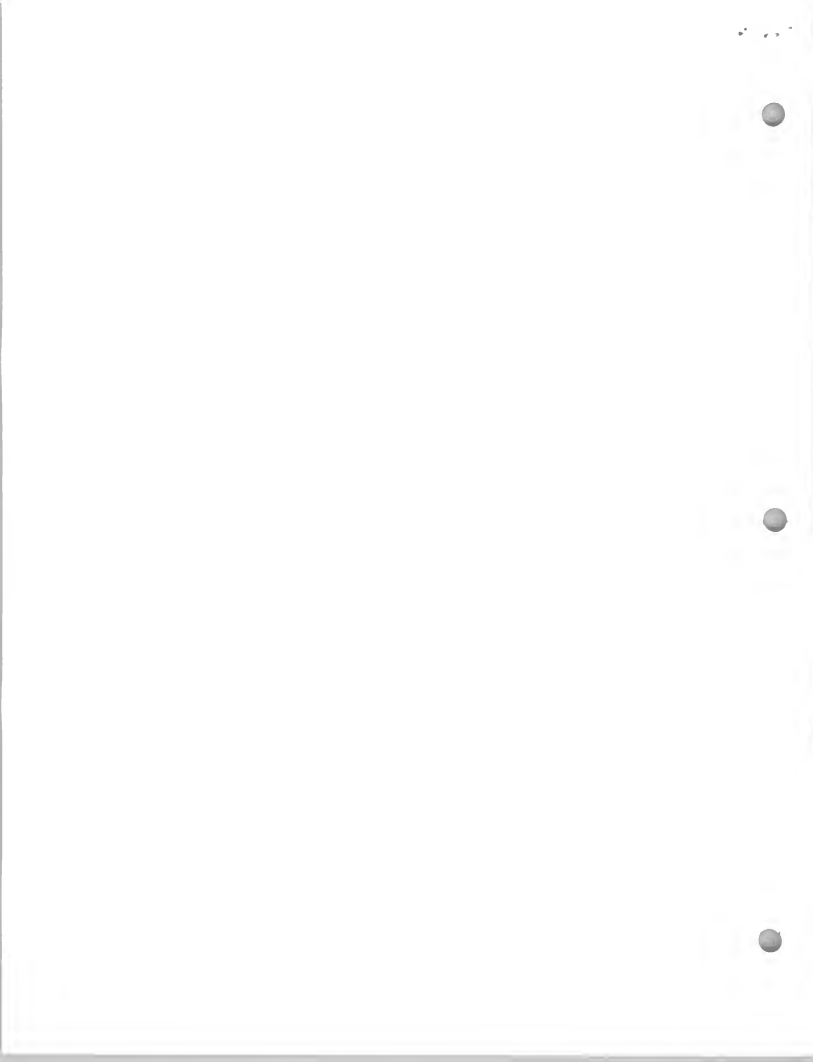


APR 19 1993

ENVIRONMENTAL ASSESSMENT

MONTANA STATE LIBRARY
1515 E. 6th AVE.
HELENA, MONTANA 59620APPLICANT: Livingston Marble & Granite Corp.TYPE OF OPERATION: Travertine QuarryLOCATION: Sec. 14, T9S, R8ECOUNTY: ParkPERSON PREPARING E.A.: Pete StrazdasAPPLICATION COMPLETE: November 13, 1992
DateE.A. COMPLETE: December 15, 1992
Date

	A	B	C	POTENTIAL IMPACTS		
				LONG TERM	SHORT TERM	AMPLIFICATION
PHYSICAL ENVIRONMENT						
1. <u>TOPOGRAPHY</u>			X	X		X
2. <u>GEOLOGY</u> ; Stability			X	X		X
3. <u>SOILS</u> ; Quality, Distribution			X		X	
4. <u>WATER</u> ; Quality; Quantity; Distribution			X			
5. <u>AIR</u> ; Quality			X		X	
6. <u>UNIQUE, ENDANGERED, FRAGILE, or LIMITED</u> environmental resources			X			
BIOLOGICAL ENVIRONMENT						
1. <u>TERRESTRIAL, AVIAN, and AQUATIC</u> ; species and habitats			X		X	
2. <u>VEGETATION</u> ; quantity, quality, species			X		X	
3. <u>AGRICULTURE</u> ; grazing, crops production			X		X	
HUMAN ENVIRONMENT						
1. <u>SOCIAL</u> ; structures and mores			X		X	
2. <u>CULTURAL</u> uniqueness, diversity			X			
3. <u>POPULATION</u> ; quantity and diversity			X			
4. <u>HOUSING</u> ; quantity and distribution			X			
5. <u>HUMAN HEALTH & SAFETY</u>			X			



	POTENTIAL IMPACTS					
	A	B	C	LONG TERM	SHORT TERM	AMPLIFICATION
6. <u>COMMUNITY & PERSONAL INCOME</u>			X		X	
7. <u>EMPLOYMENT</u> ; quantity and distribution			X		X	
8. <u>TAX BASE</u> ; local and state tax revenue			X		X	
9. <u>GOVERNMENT SERVICES</u> ; demand			X			
10. <u>INDUSTRIAL, COMMERCIAL and AGRICULTURAL</u> activities			X		X	
11. <u>HISTORICAL and ARCHAEOLOGICAL</u>			X			
12. <u>AESTHETICS</u>			X		X	
13. <u>ENVIRONMENTAL PLANS and GOALS</u> ; local and regional			X			
14. <u>DEMANDS on ENVIRONMENTAL RESOURCES</u> of land, water, air and energy			X		X	
15. <u>TRANSPORTATION</u> ; networks and traffic flows			X		X	

PUBLIC INVOLVEMENT: Public Notice

ALTERNATIVES CONSIDERED: Yes

COMPLIANCE STATUS: Full Compliance

RECOMMENDATIONS CONCERNING PREPARATION OF AN EIS: Not necessary at this level of disturbance.

OTHER GROUPS OR AGENCIES CONTACTED OR WHICH MAY HAVE OVERLAPPING JURISDICTION:

None

INDIVIDUALS OR GROUPS CONTRIBUTING TO THIS EA:

- A: Significant Unavoidable Impacts
- B: Insignificant as a result of conditioned mitigation
- C: Insignificant as proposed

Signature



AMPLIFICATION OF LIVINGSTON MARBLE AND GRANITE WORKS
ENVIRONMENTAL ASSESSMENT

BACKGROUND

Livingston Marble and Granite Works was issued Operating Permit 00023 in 1972 to quarry travertine on 17.5 acres. The operation consists of four small quarries on the bench northeast of Gardiner. Application for Amendment No. 001 was received on Nov. 13, 1992. This amendment would allow expansion of one of the existing quarries onto an additional 1.4 acres.

PHYSICAL ENVIRONMENT

Topography and Geology: The proposal would create a minor alteration in the local topography. A rise of land approximately 20 feet in height would be mined out, resulting in a gently sloping configuration. This slope would be revegetated.

